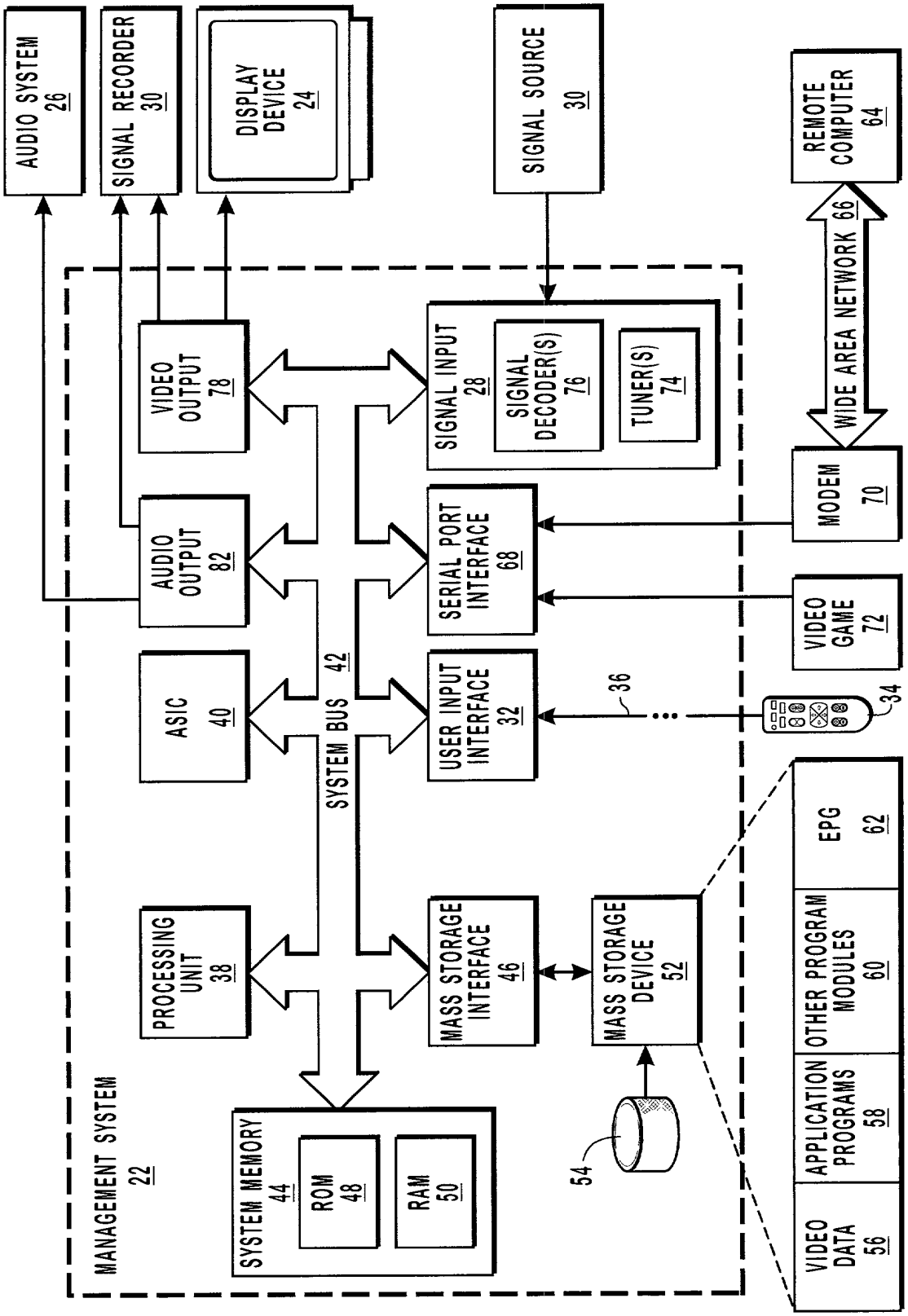
AUDIO SYSTEM 26
SIGNAL RECORDER 30
DISPLAY DEVICE 24
SIGNAL SOURCE 30
REMOTE COMPUTER 64
WIDE AREA NETWORK 66
MODEM 70
VIDEO OUTPUT 78
SIGNAL INPUT 28
SIGNAL DECODER(S) 76
TUNER(S) 74
AUDIO OUTPUT 82
SERIAL PORT INTERFACE 68
VIDEO GAME 72
ASIC 40
SYSTEM BUS 42
USER INPUT INTERFACE 32
36
34
PROCESSING UNIT 38
MASS STORAGE INTERFACE 46
MASS STORAGE DEVICE 52
54
MANAGEMENT SYSTEM 22
SYSTEM MEMORY 44
ROM 48
RAM 50
VIDEO DATA 56
APPLICATION PROGRAMS 58
OTHER PROGRAM MODULES 60
EPG 62

FIG. 1

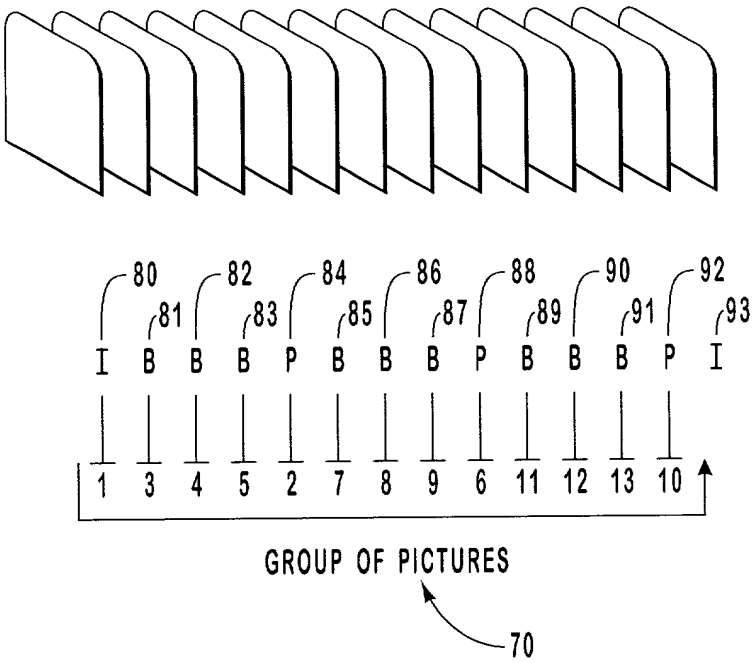

FIG. 2

EP 0 966 169 A2 19990616

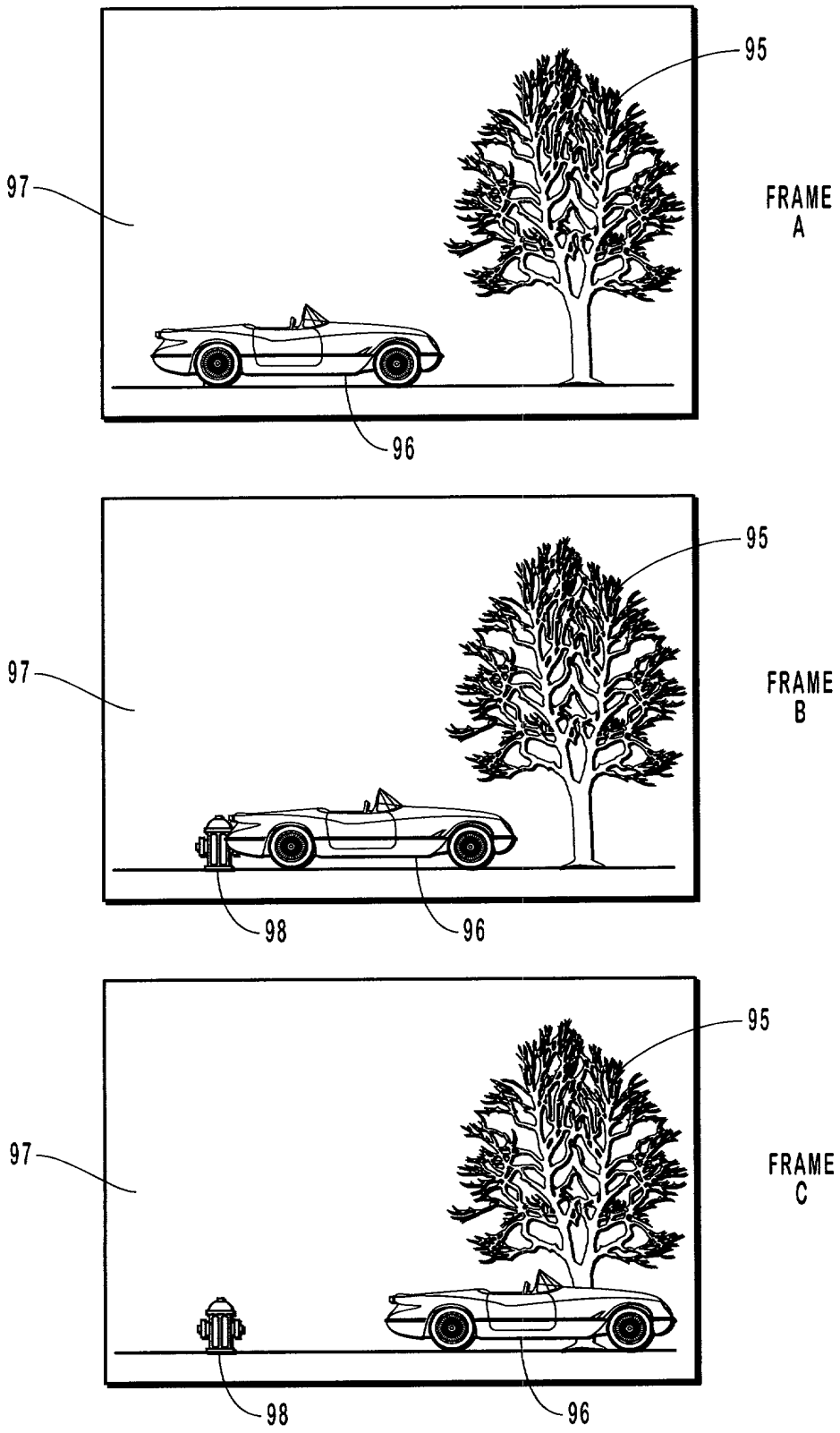

FIG. 3

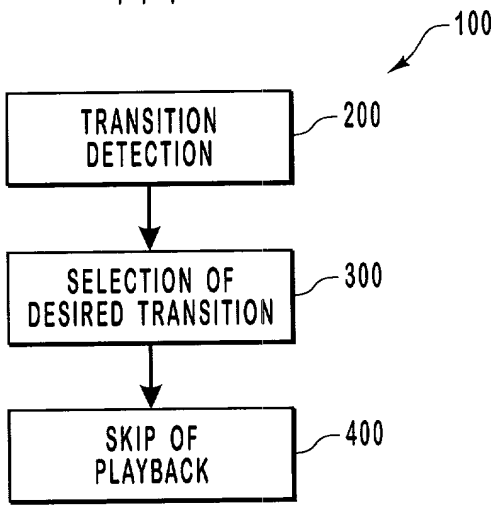
100
TRANSITION DETECTION
200
SELECTION OF DESIRED TRANSITION
300
SKIP OF PLAYBACK
400

FIG. 4

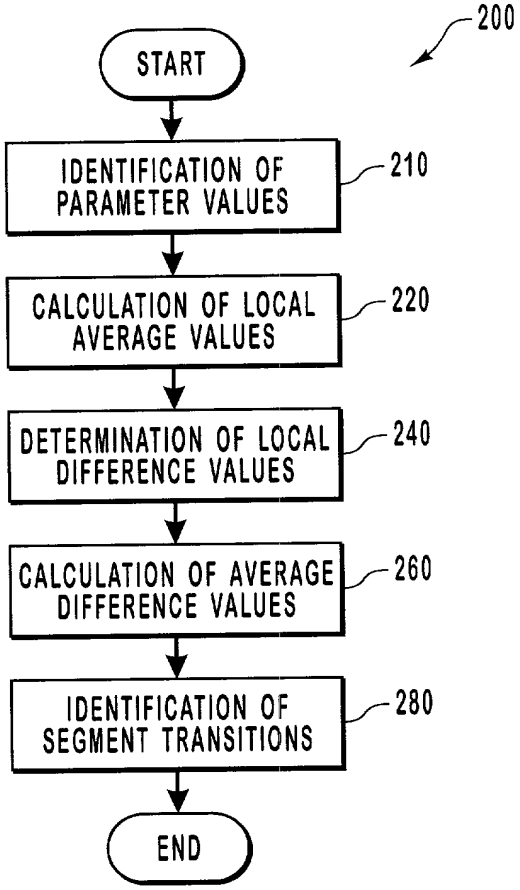
200
START
IDENTIFICATION OF PARAMETER VALUES
210
CALCULATION OF LOCAL AVERAGE VALUES
220
DETERMINATION OF LOCAL DIFFERENCE VALUES
240
CALCULATION OF AVERAGE DIFFERENCE VALUES
260
IDENTIFICATION OF SEGMENT TRANSITIONS
280
END

FIG. 5

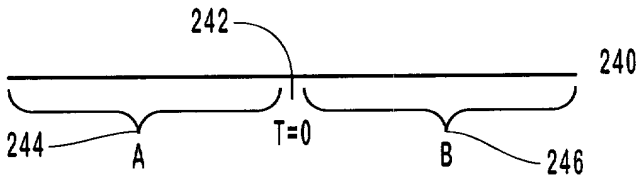

FIG. 6

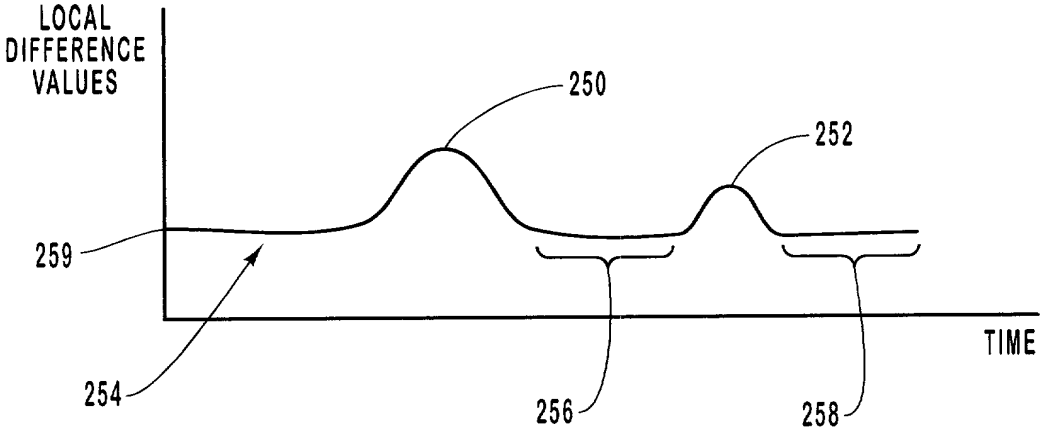

FIG. 7

260

CALCULATION OF AVERAGE DIFFERENCE

$$\frac{(DV_A + \ldots Dv_n)}{n} = A_{DV}$$

DIFFERENCE VALUE FOR PARAMETER A =3
DIFFERENCE VALUE FOR PARAMETER B =1
DIFFERENCE VALUE FOR PARAMETER C =3

$$\frac{3+1+3}{3} = 2.33$$

FIG. 8

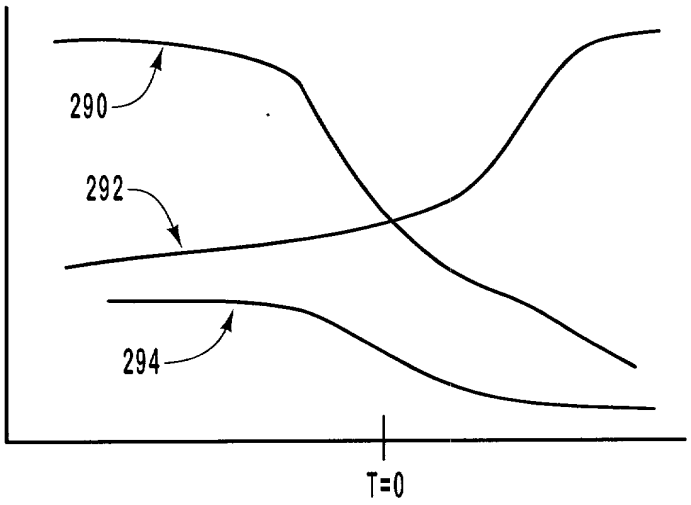

FIG. 9A

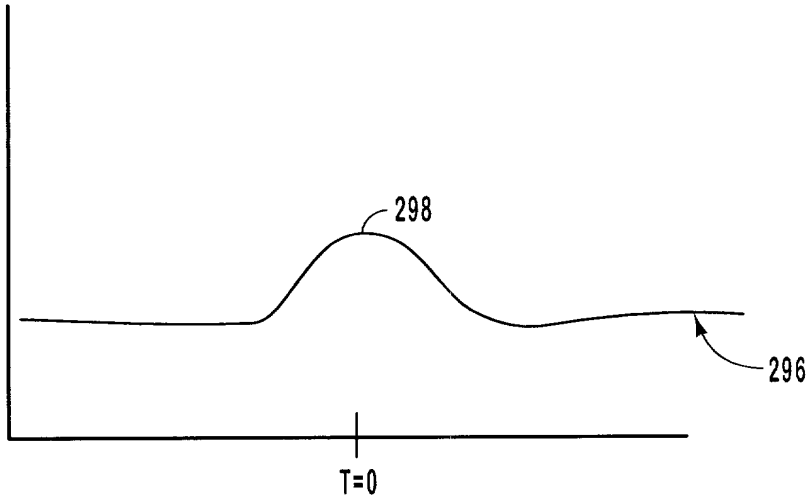

FIG. 9B

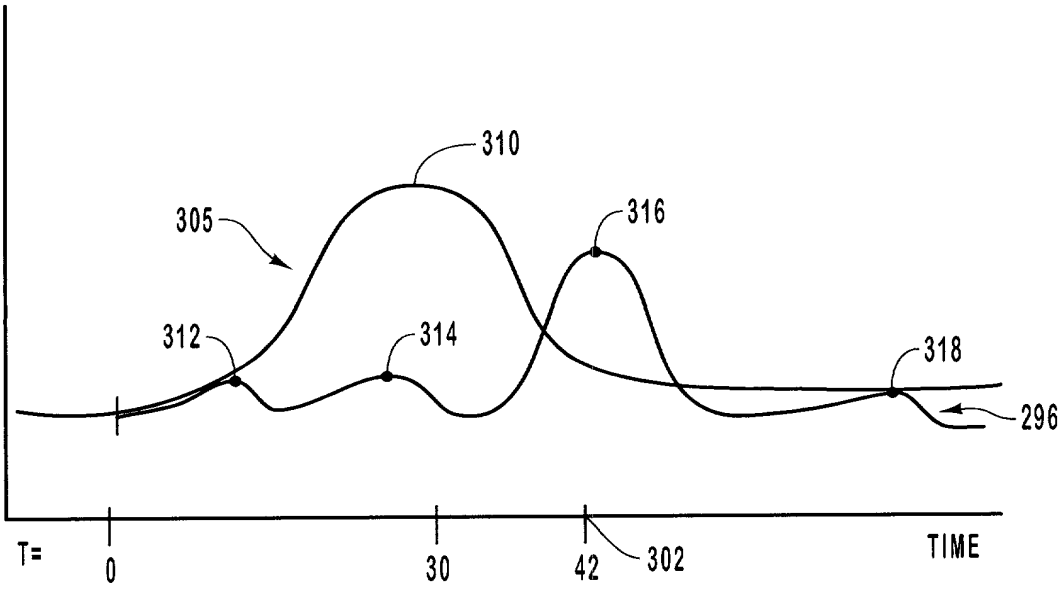

FIG. 10A

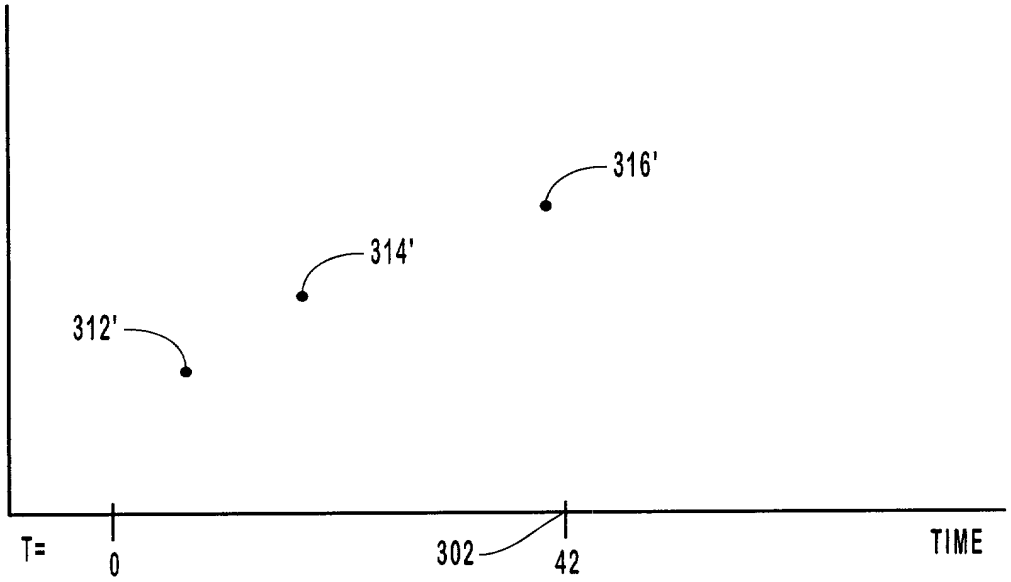

FIG. 10B